



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Shizuo AKIRA *et al.*

Appn. No. 10/088,567

Confirmation No. 3078

Filed: March 19, 2002

For: RECEPTOR PROTEIN SPECIFICALLY
RECOGNIZING BACTERIAL DNA

Art Unit: 1648

Examiner: Michelle S. Horning

Atty. Docket No. 31671-178057

Customer No.

26694

PATENT TRADEMARK OFFICE

AMENDMENT AND RESPONSE

MAIL STOP: AMENDMENTS
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action issued October 12, 2006, please enter the following amendments and consider the following remarks.

Amendments to the specification begin on page 2.

Claim amendments begin on page 3.

Remarks begin on page 7.

It is believed that no fee is due; however, please charge any necessary fees or credit any refund to Deposit Account 22-0261.



PTO/SB/17 (12-04v2)

Approved for use through 7/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL For FY 2006

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT(\$) **0 -**Attorney Docket No. **31671-178057****Complete if Known**

Application Number	10/088,567
Filing Date	March 19, 2002
First Named Inventor	Shizuo AKIRA
Examiner Name	Michelle S. Horning
Art Unit	1648

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify) _____
 Deposit Account Deposit Account Number: **22-0261** Deposit Account Name: **Venable LLP**

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee
 Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 Credit any overpayments

FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

<u>Application Type</u>	<u>FILING FEES</u>		<u>SEARCH FEES</u>		<u>EXAMINATION FEES</u>		<u>Fees Paid (\$)</u>
	<u>Fee (\$)</u>	<u>Small Entity Fee (\$)</u>	<u>Fee (\$)</u>	<u>Small Entity Fee (\$)</u>	<u>Fee (\$)</u>	<u>Small Entity Fee (\$)</u>	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES**Fee Description**

Each claim over 20 (including Reissues)

<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Multiple Dependent Claims</u>
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<u>Fee (\$)</u>	<u>Fee (\$)</u>
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Each independent claim over 3 (including Reissues)

50	25
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Multiple dependent claims

200	100
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360	180
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<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
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<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
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- 20 =	x	=
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HP = highest number of total claims paid for, if greater than 20.

<u>Indep. Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
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<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
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- 3 =	x	=
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HP = highest number of total claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each additional 50 or fraction thereof</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
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- 100 =	/50	(round up to a whole number) x	=
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4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): _____

SUBMITTED BY

Signature	<i>A. Hobbs</i>	Registration No. (Attorney/Agent)	36,830	Telephone	(202) 344-4000
Name (Print/Type)	Ann S. Hobbs, Ph.D.		Date	January 11, 2007	

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